

BEST AVAILABLE COPY

1/26

FIGURE 1

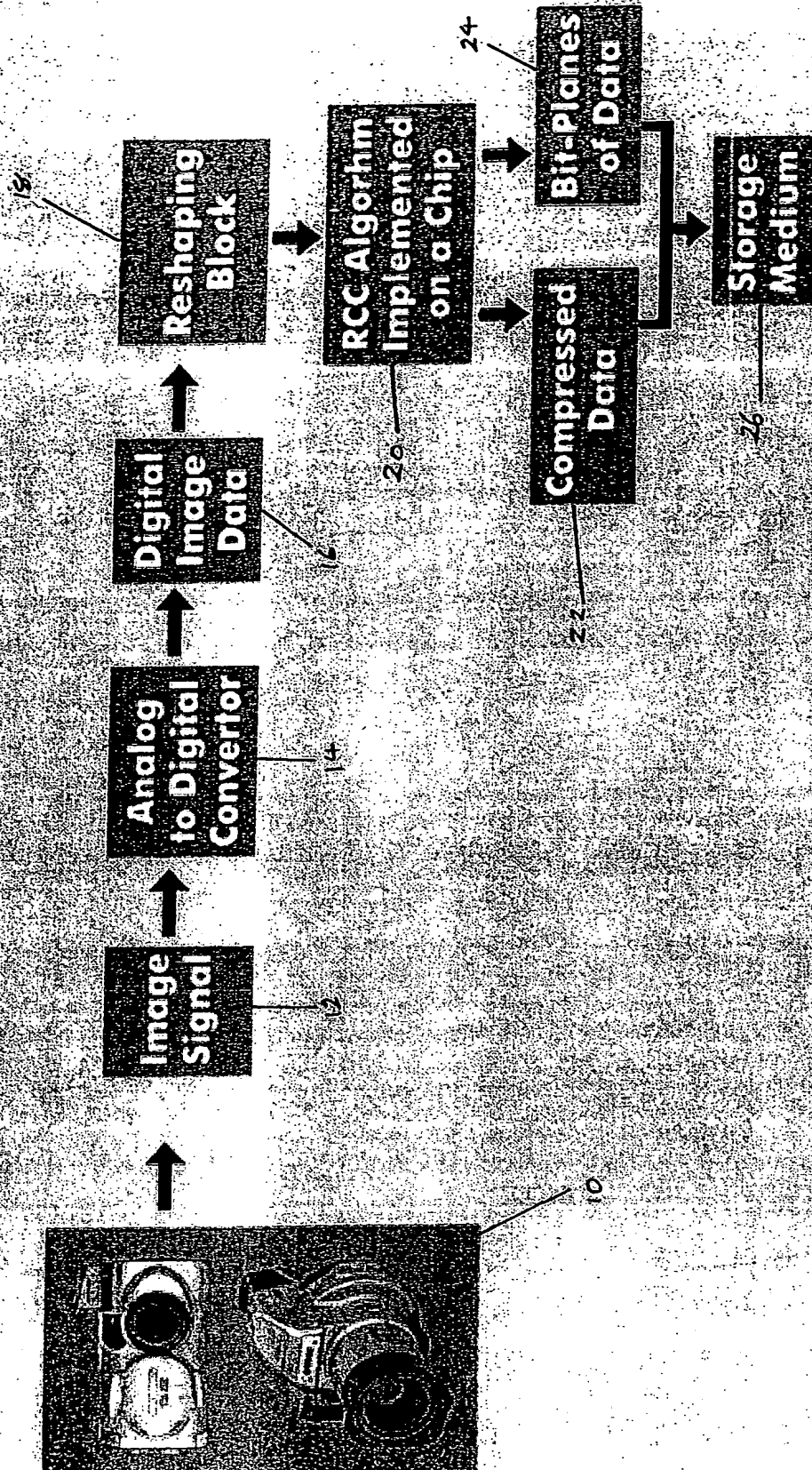
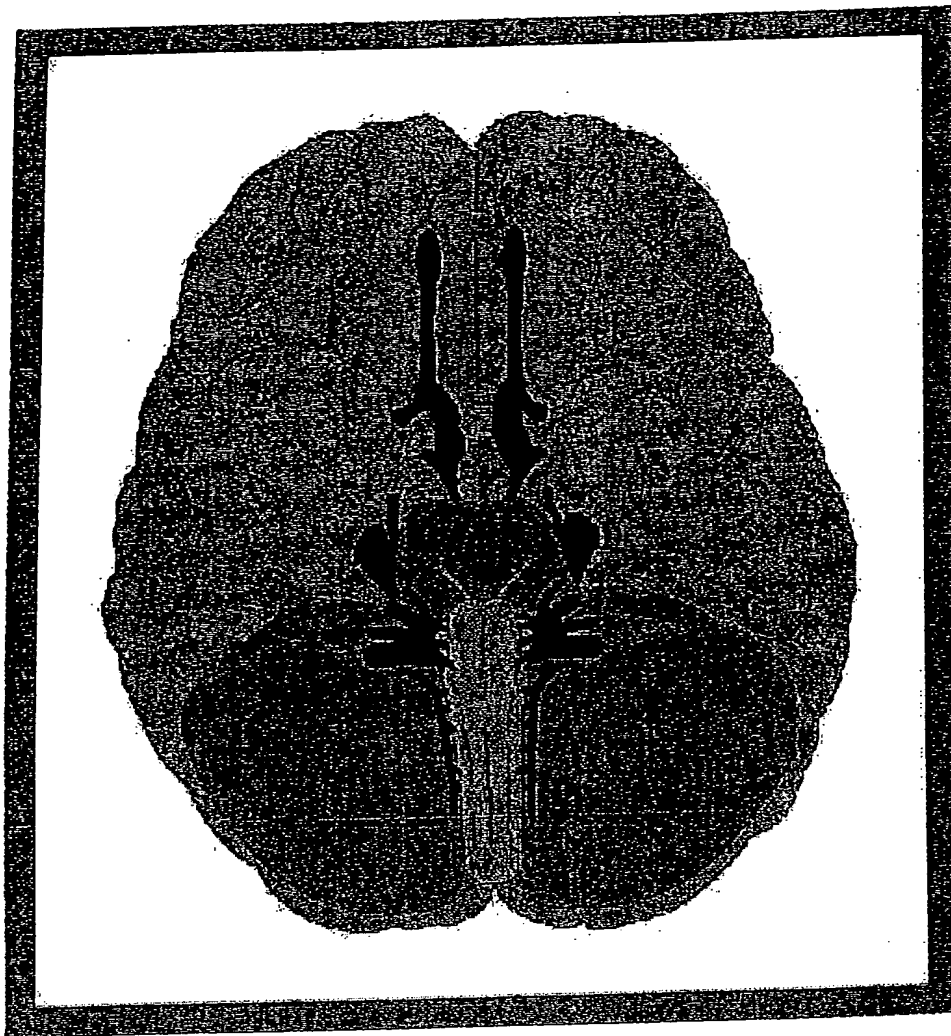


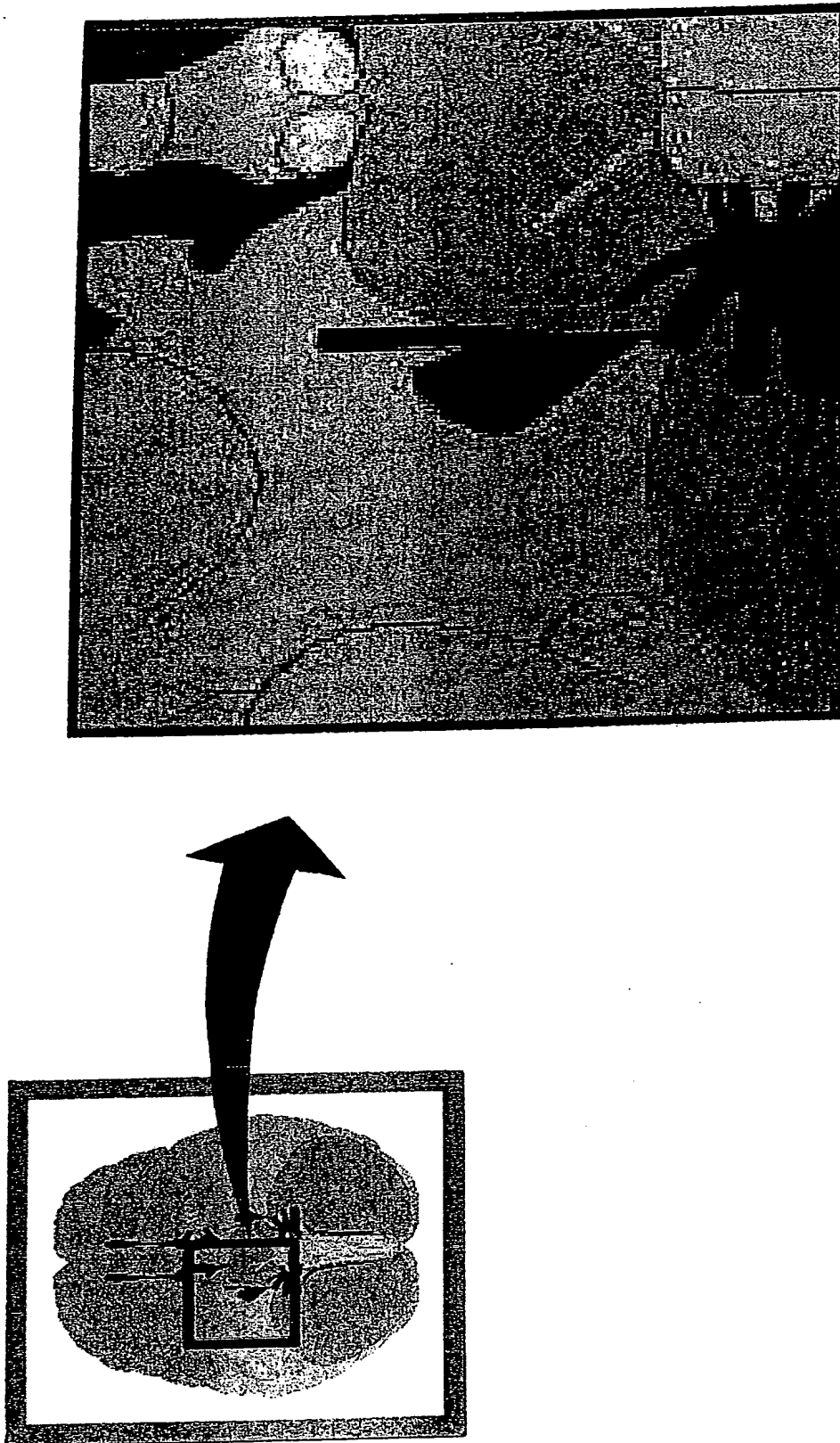
FIGURE 2

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Sample MRI of Human Brain

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Sample MRI of Human Brain



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Sample MRI of Human Brain (Pixel View)

FIGURE 4

5/26

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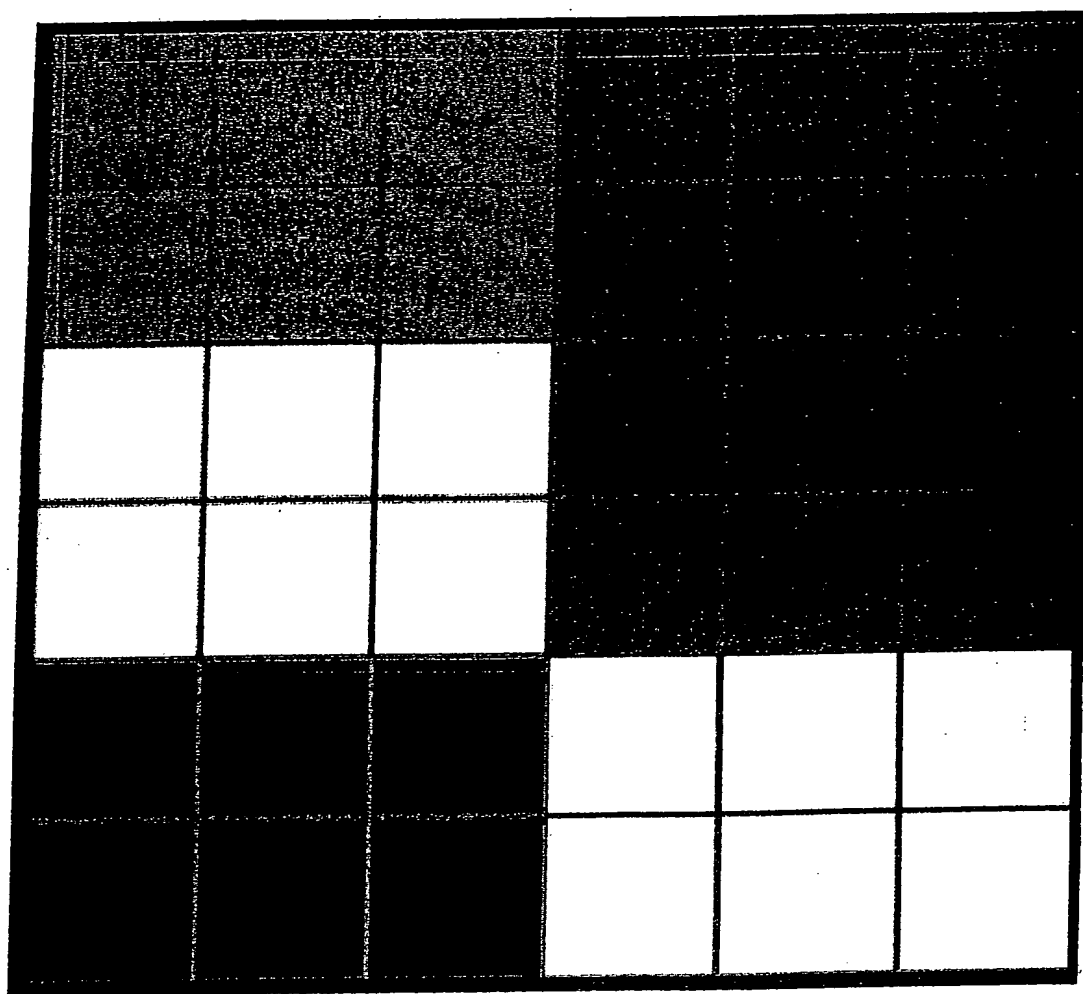
36 Pixel Region

FIGURE 5

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36 Pixel Region

150	150	150			
150	150	150			
250	250	250			
250	250	250			
20	20	20	250	250	250
20	20	20	250	250	250

FIGURE 6

NOT AVAILABLE COPY

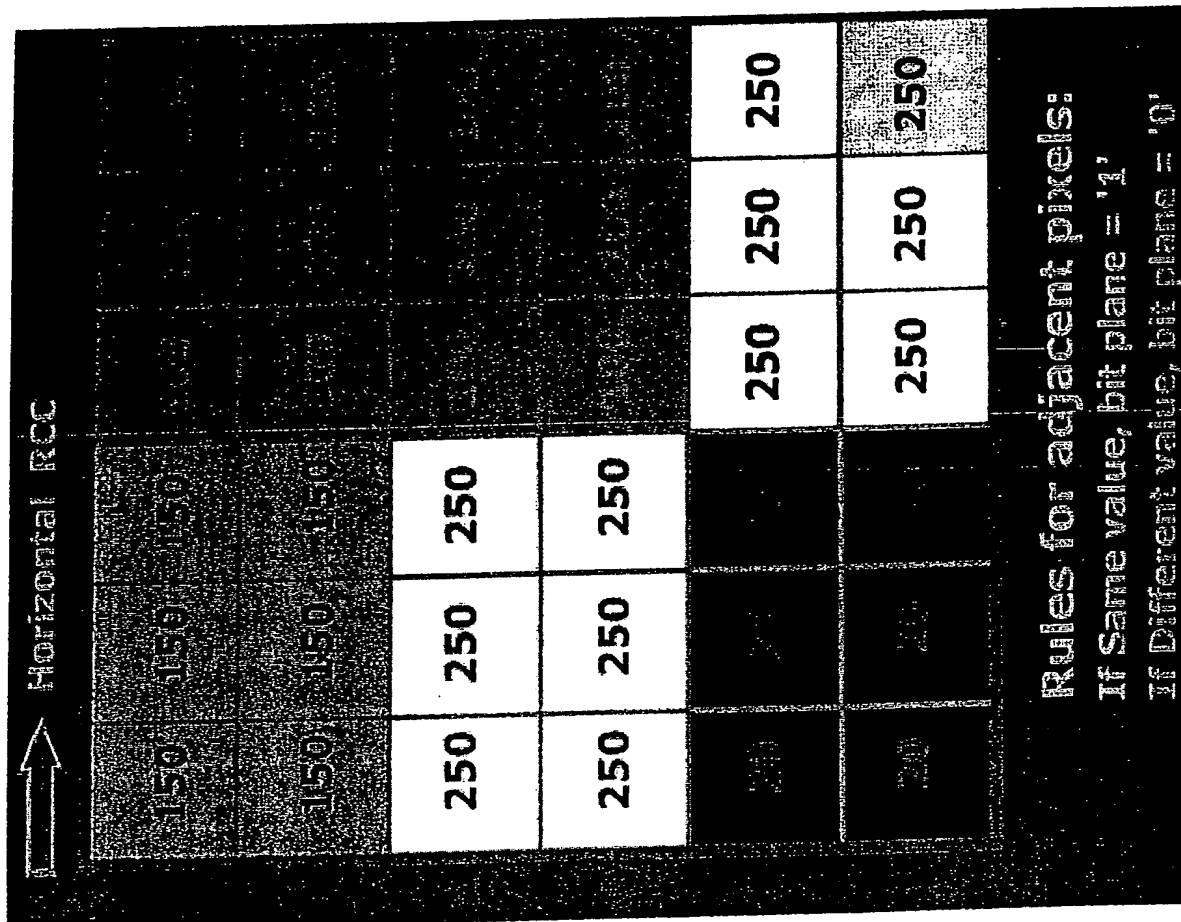
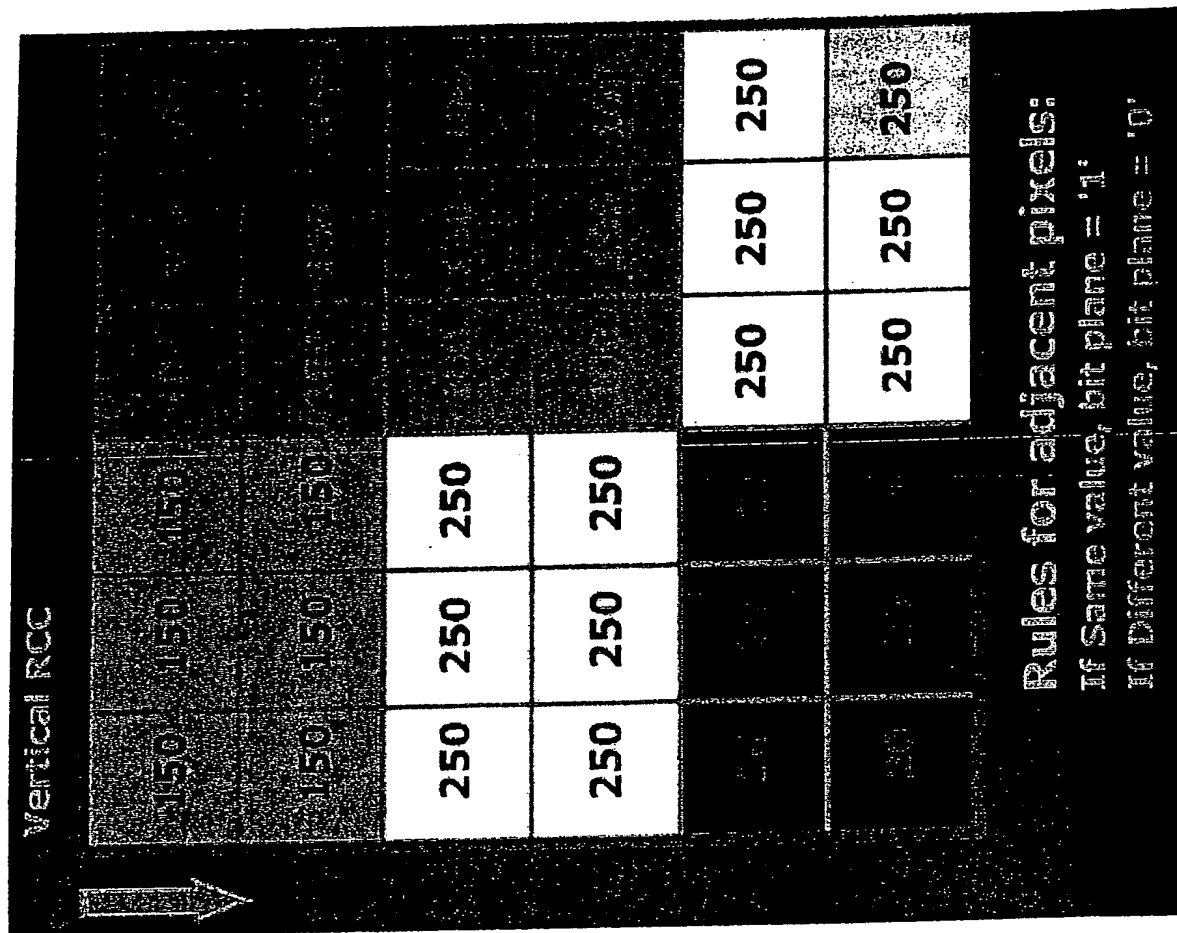
[illegible]

FIGURE 8



Values Stored				Bit Plane			
150	250	20	150	0	0	0	0
250	20	150	250	1	1	1	1
20	100	250	100	0	0	1	1
250	100	250		1	1	1	1

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9/26

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Bit Plane						Bit Plane					
1	1	1	1	1	1	0	0	0	0	0	0
0	1	1	0	1	1	1	1	1	1	1	1
0	1	1	0	1	1	0	0	1	1	1	1
0	1	1	0	1	1	1	1	1	1	1	1
0	1	1	0	1	1	0	0	0	0	0	0
0	1	1	0	1	1	1	1	1	1	1	1

Final Values Stored					
150	100	250			
20	250				

FIGURE 9

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Original Values				
150	150	150	150	150
150	150	150	150	150
250	250	250	250	250
250	250	250	250	250
250	250	250	250	250
250	250	250	250	250
250	250	250	250	250
250	250	250	250	250

Total Memory Required = 288 bits

Final Values Series

150 100 50

2520

COLE

Total Memory

Required = 112 lbs

FIGURE 10

11/26

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Original File Size = 188 kb

File Size After RCC = 44 kb

Original Image

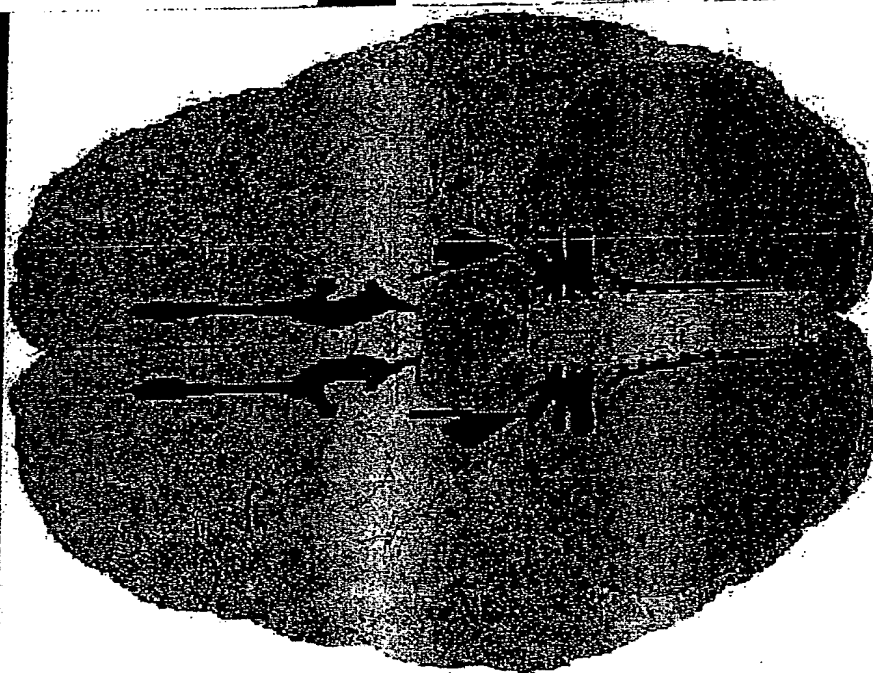
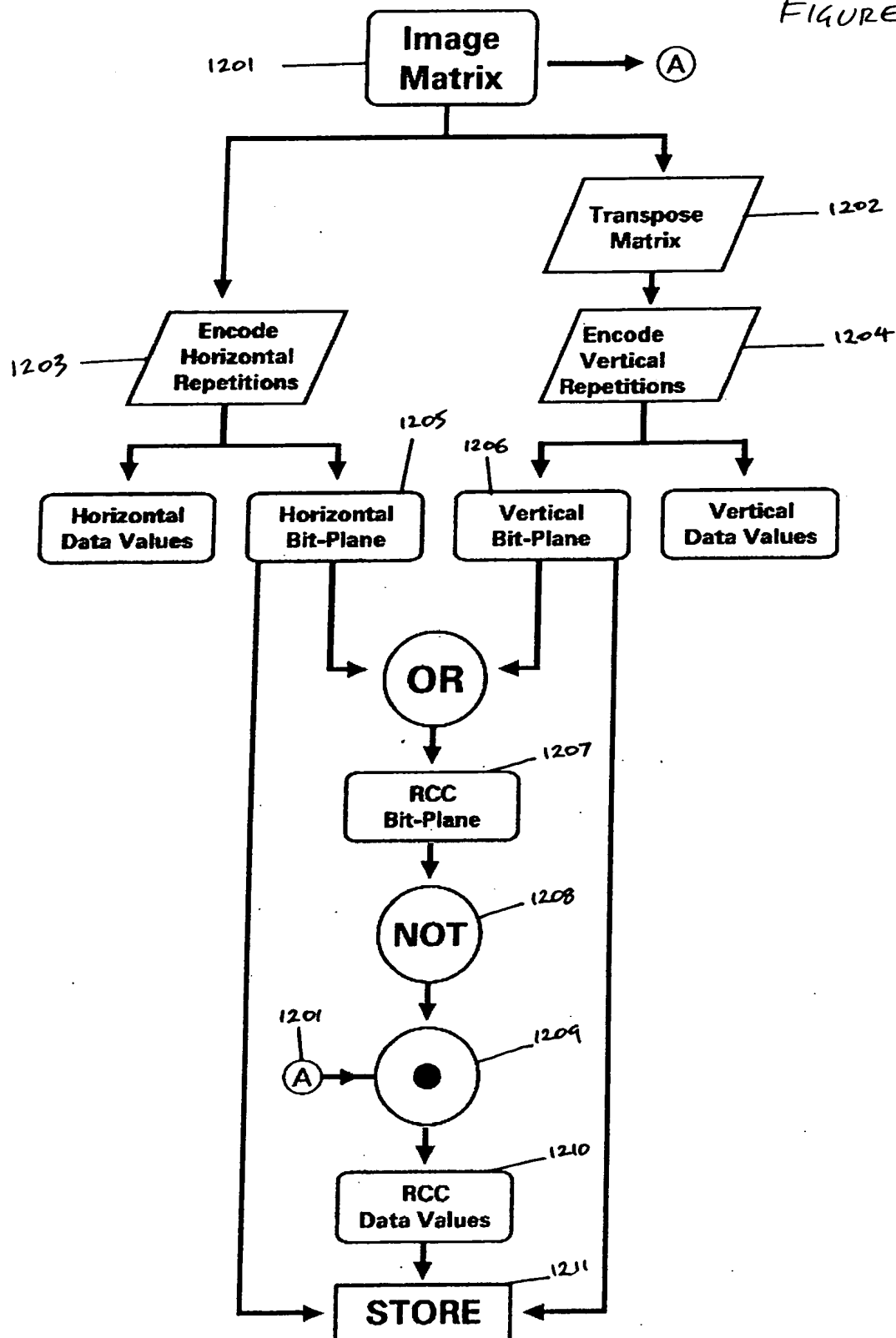


FIGURE 11

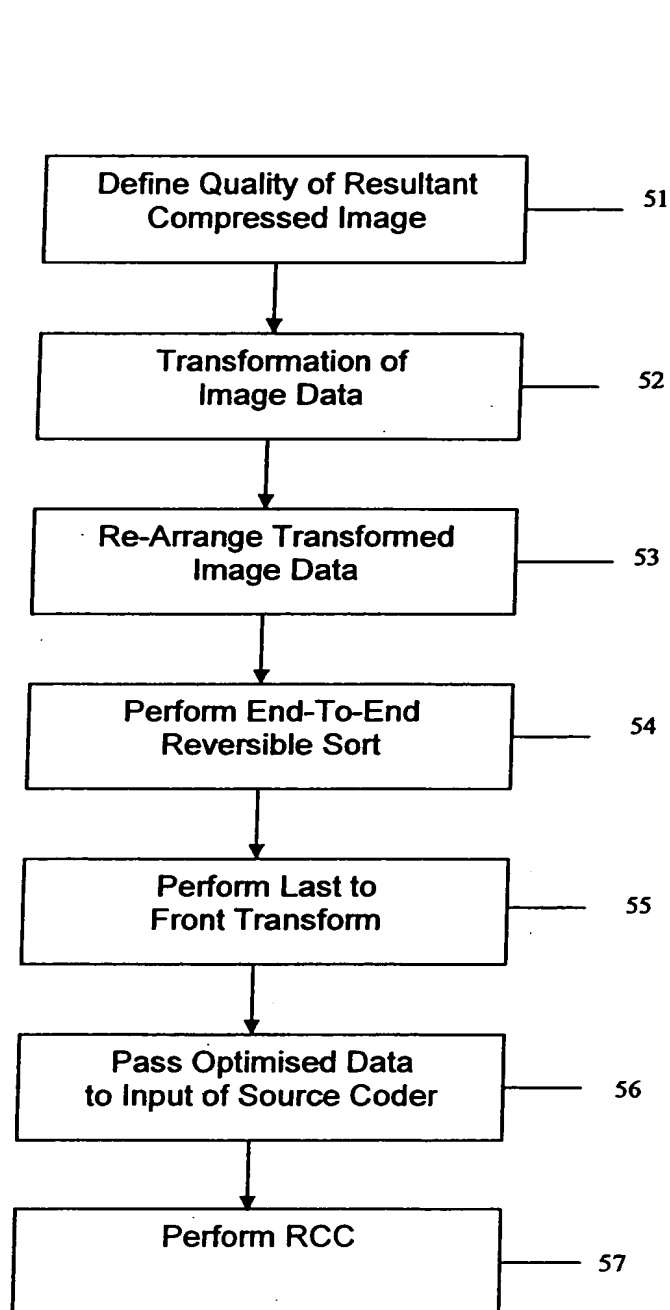
12/26

FIGURE 12



● DOT-PRODUCT

A CONNECTOR

**Figure 13**

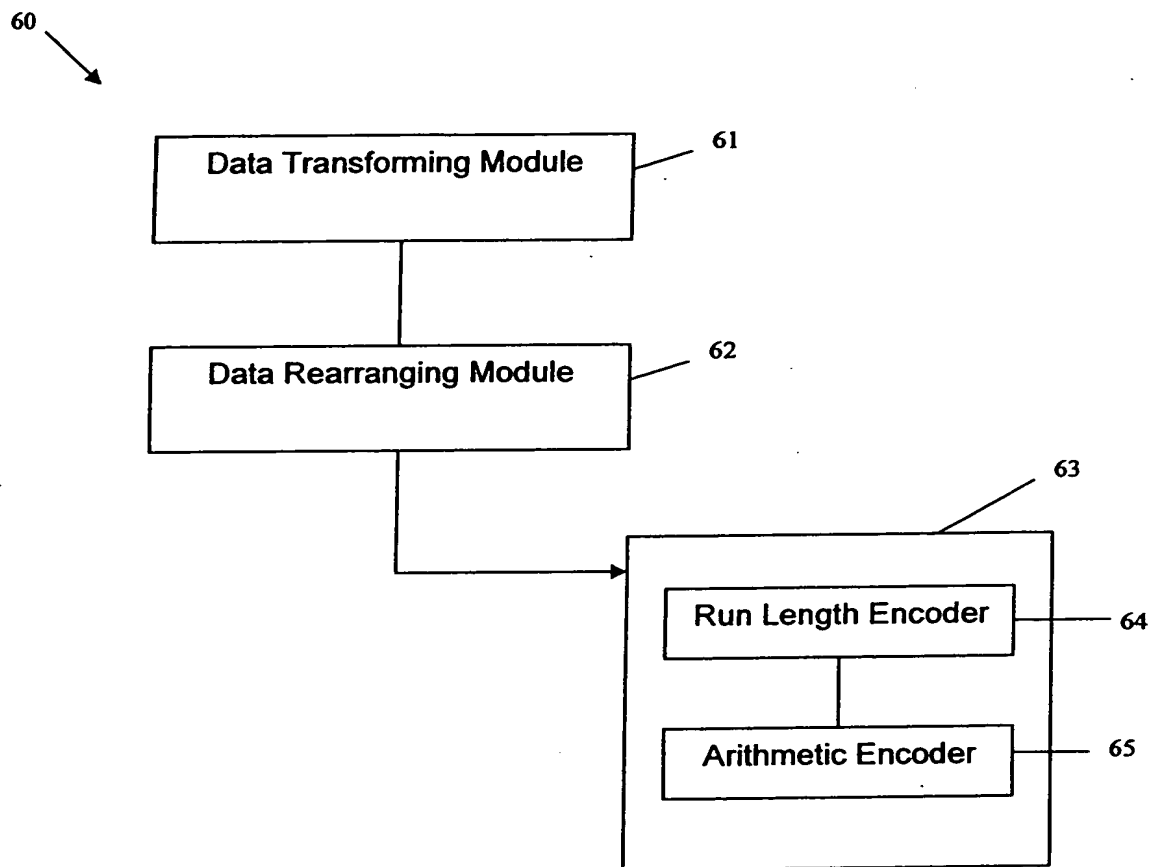
**Figure 14**

FIGURE 15

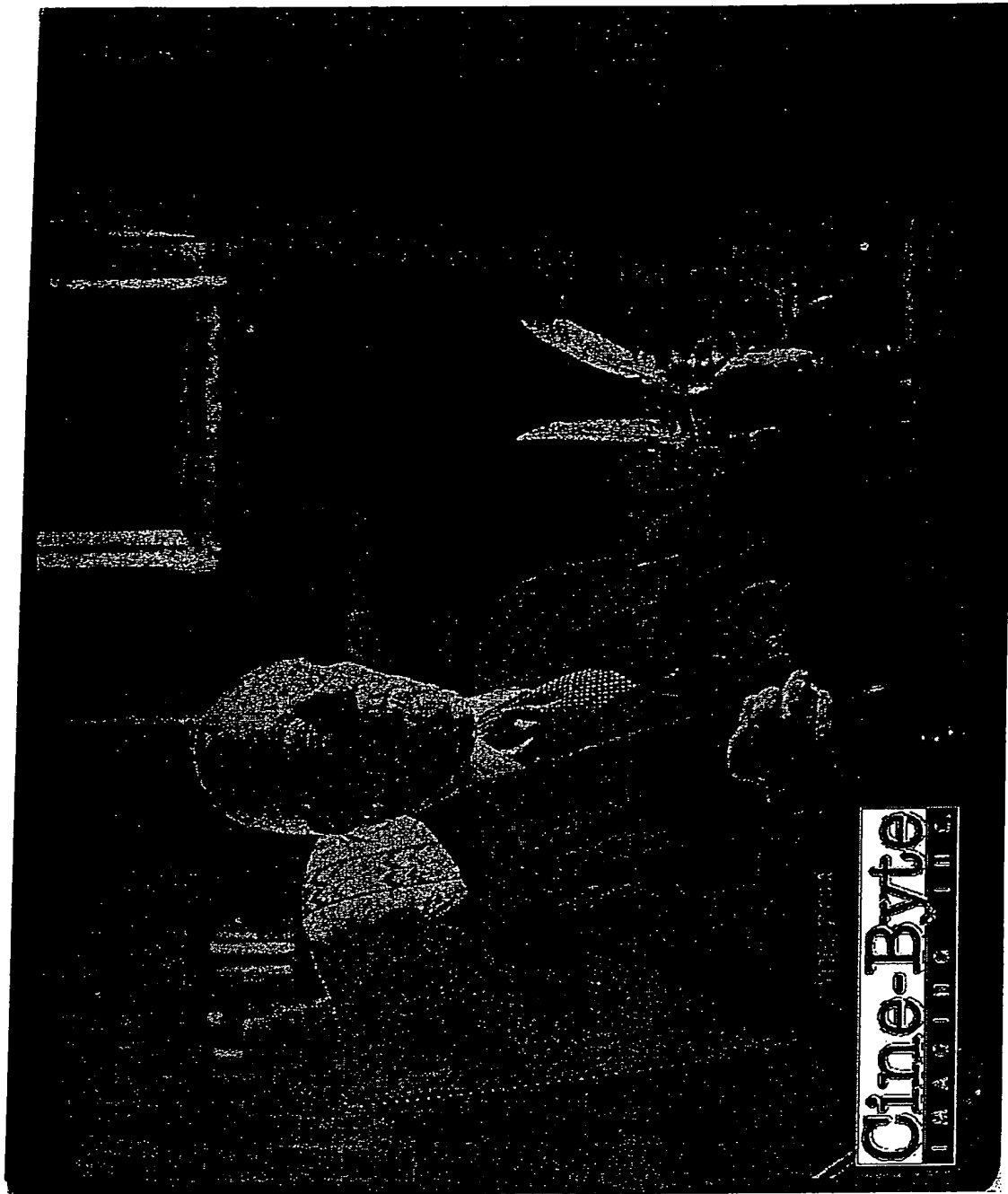
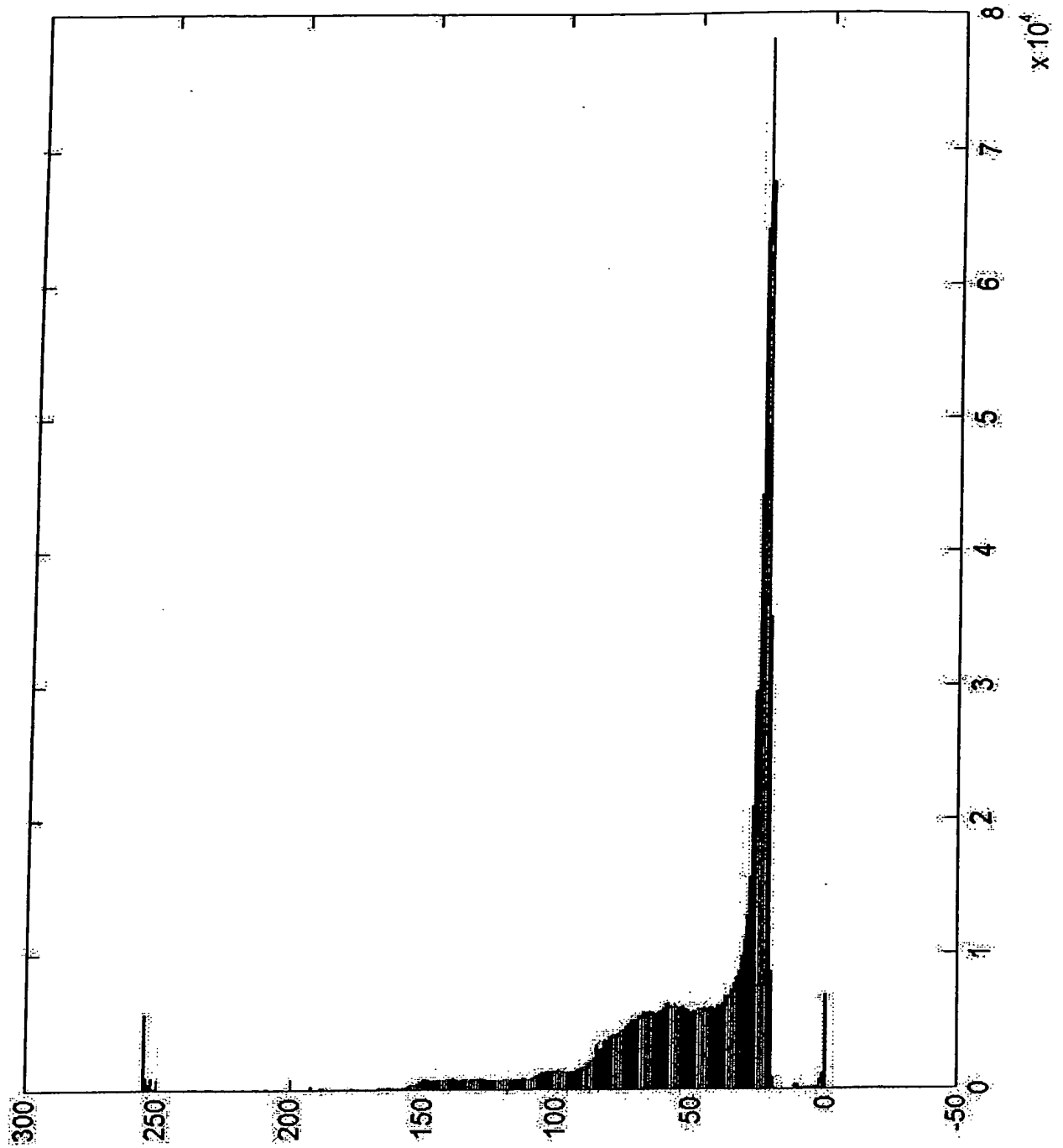


FIGURE 16



17/26

FIGURE 17

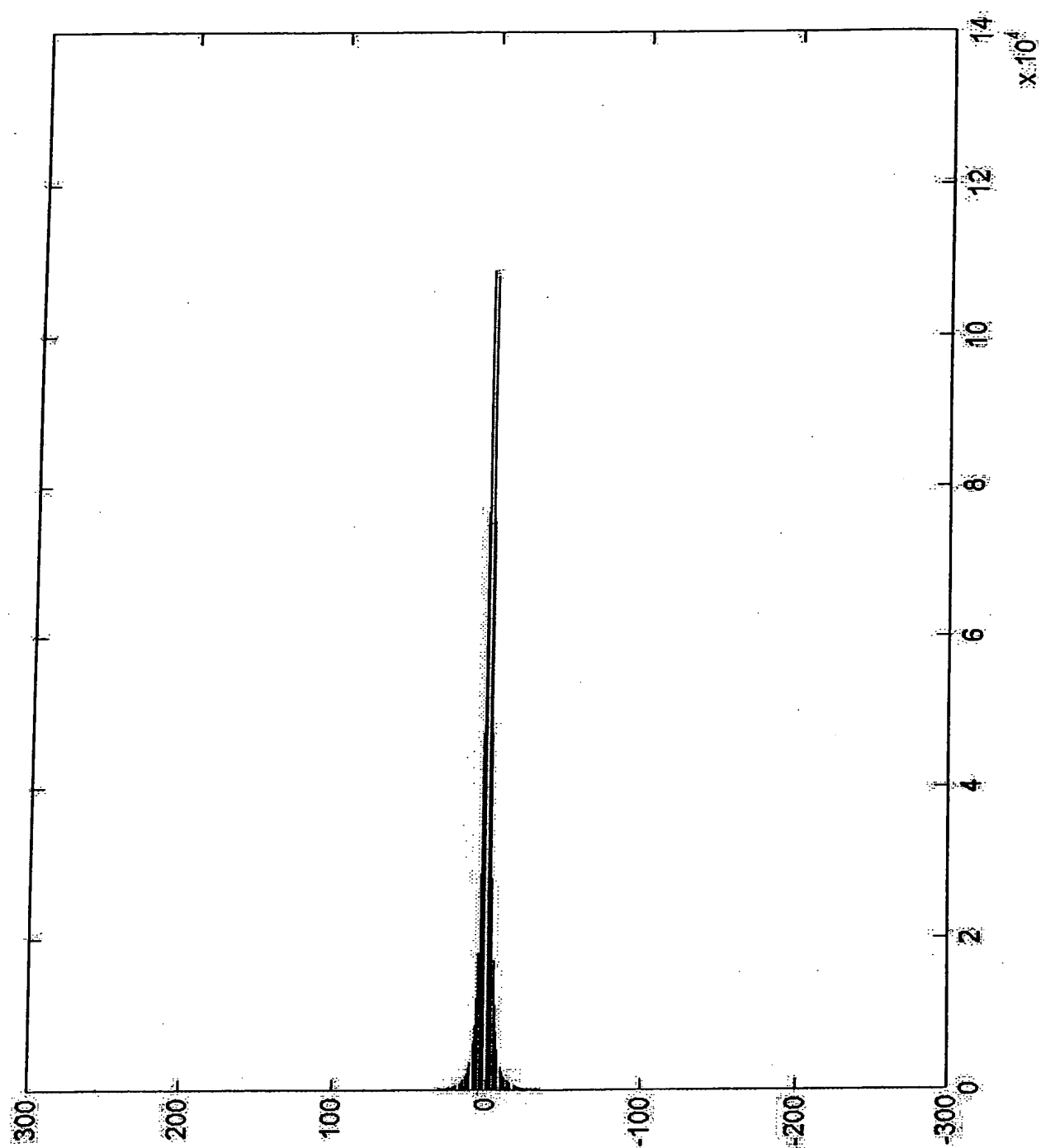


FIGURE 18

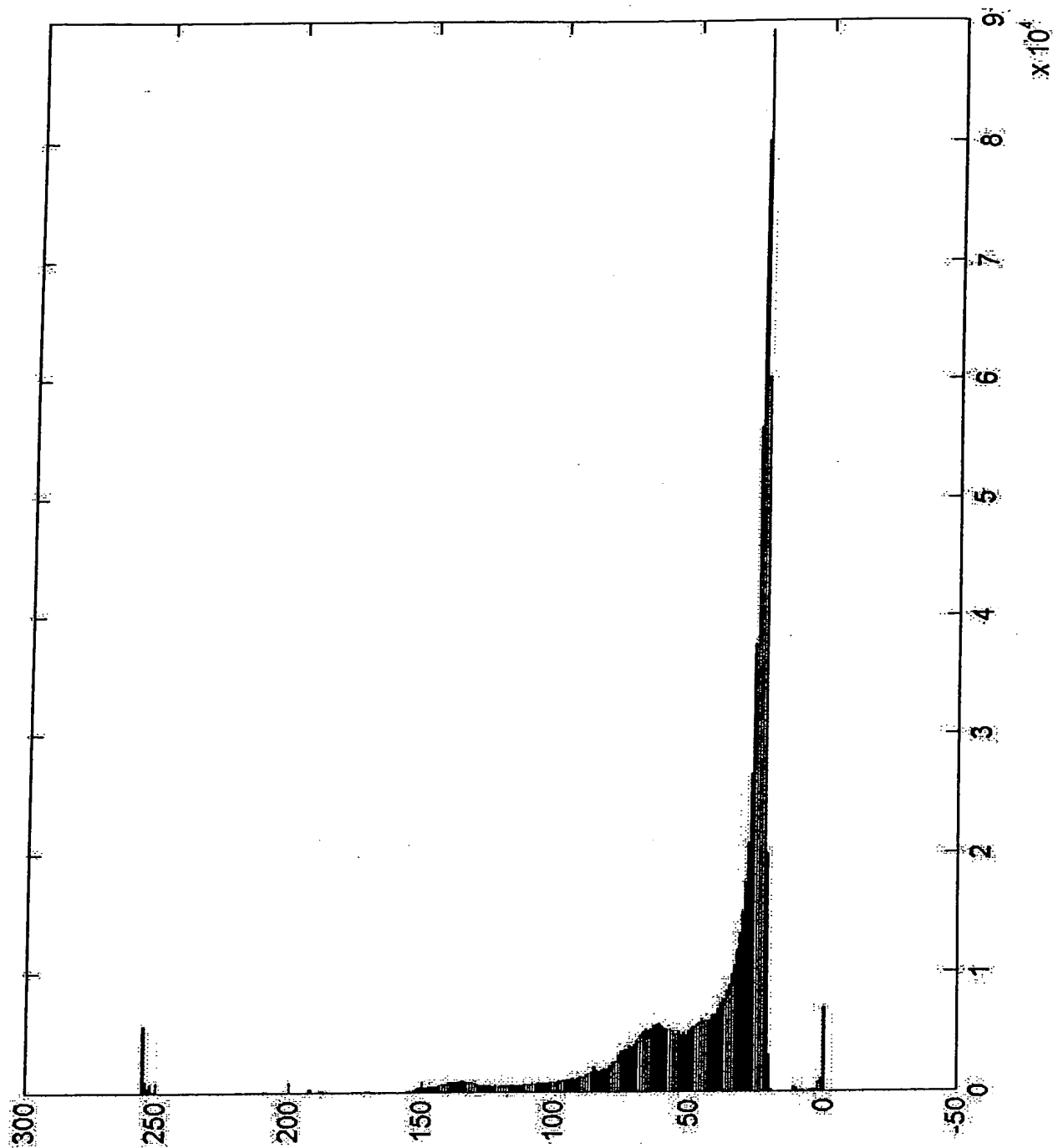


FIGURE 19

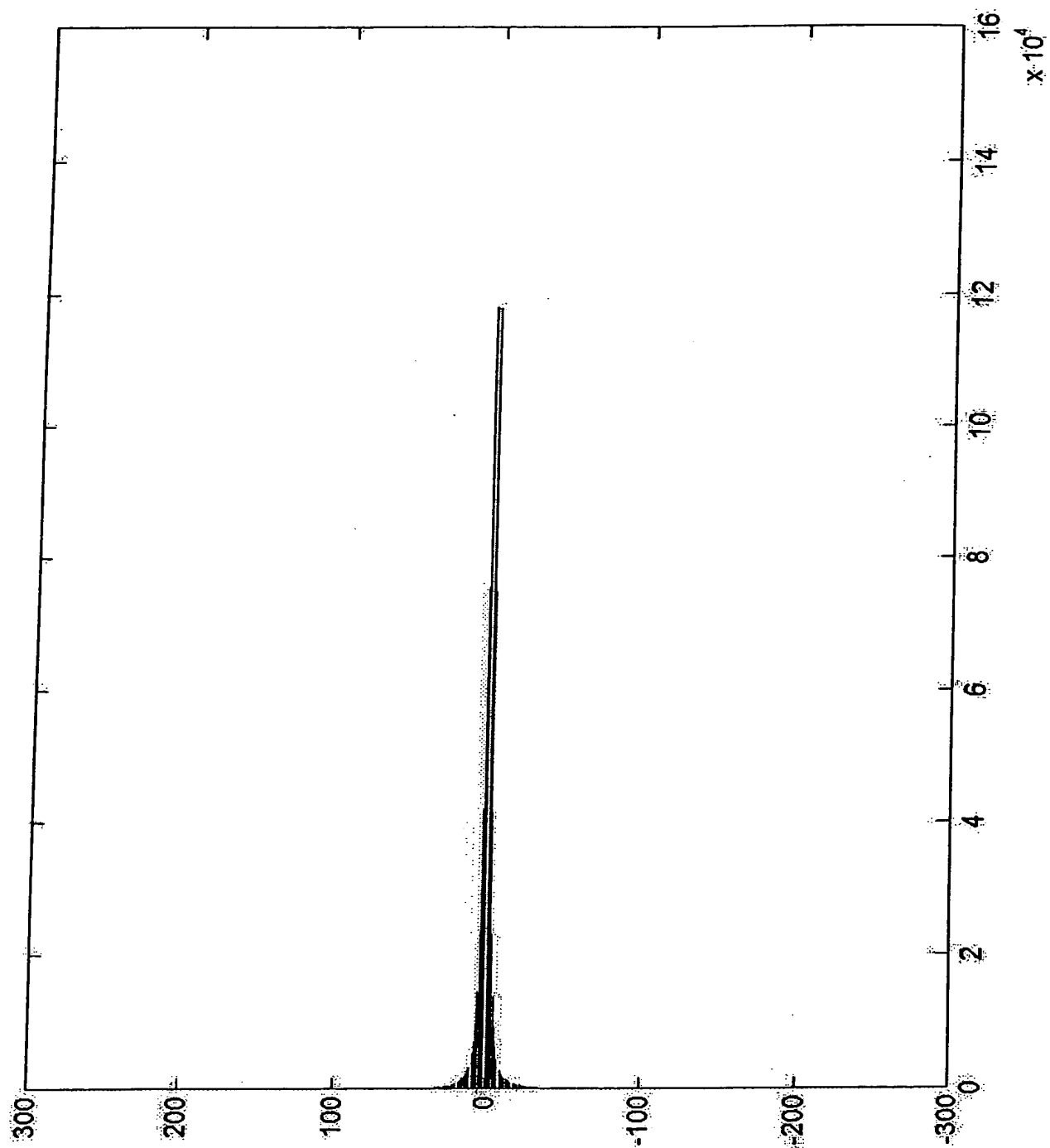


FIGURE 20

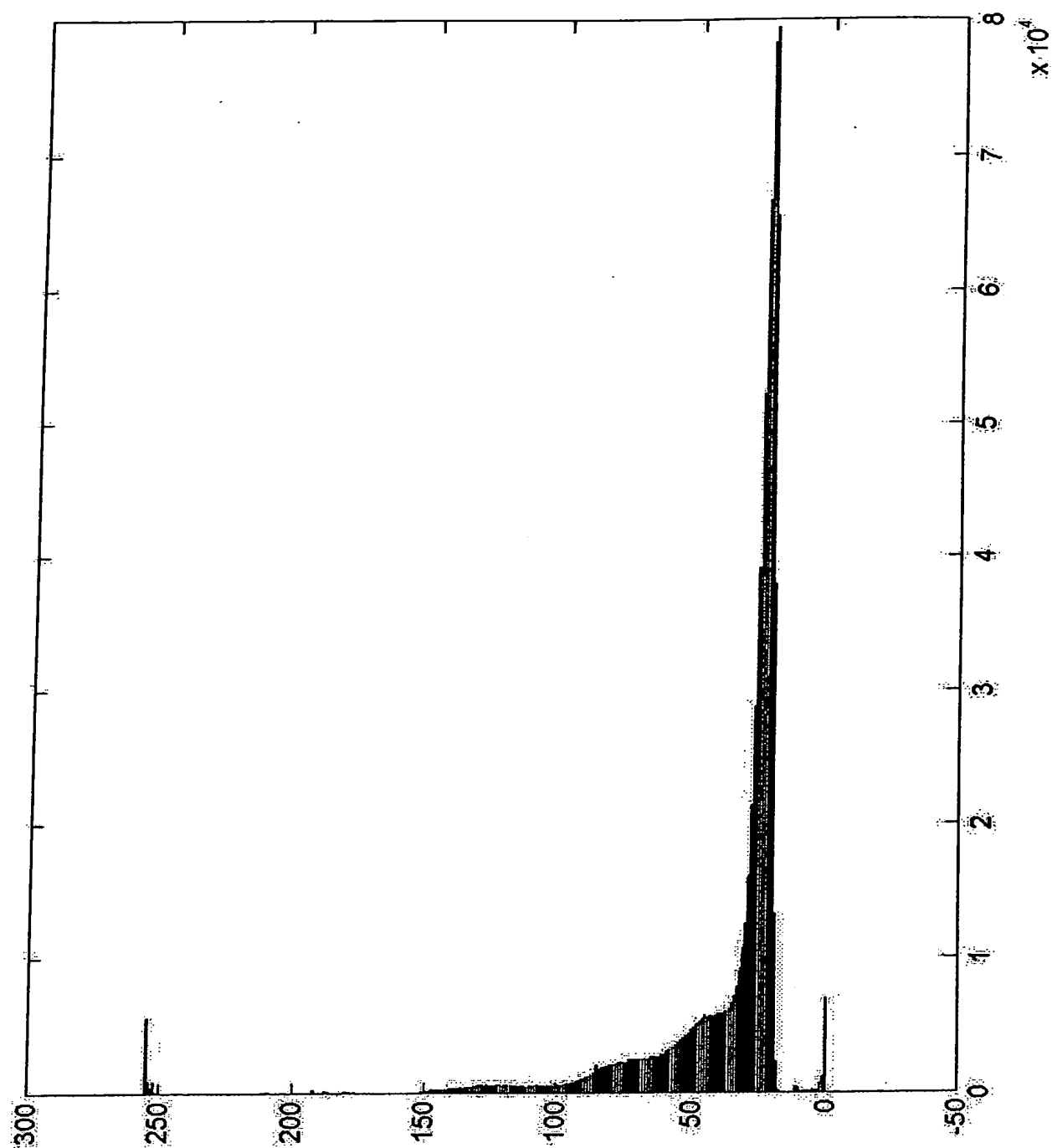


FIGURE 21

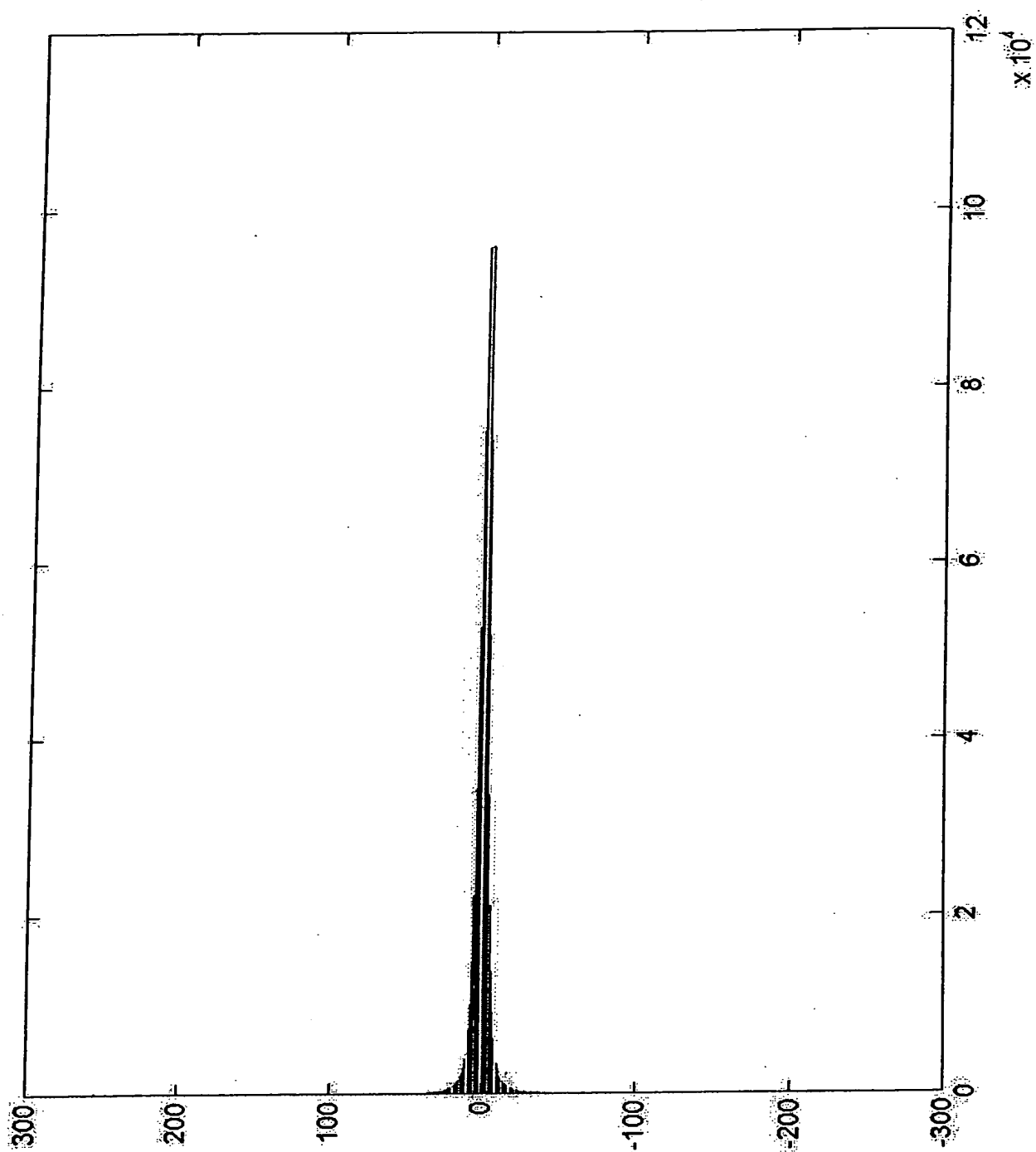


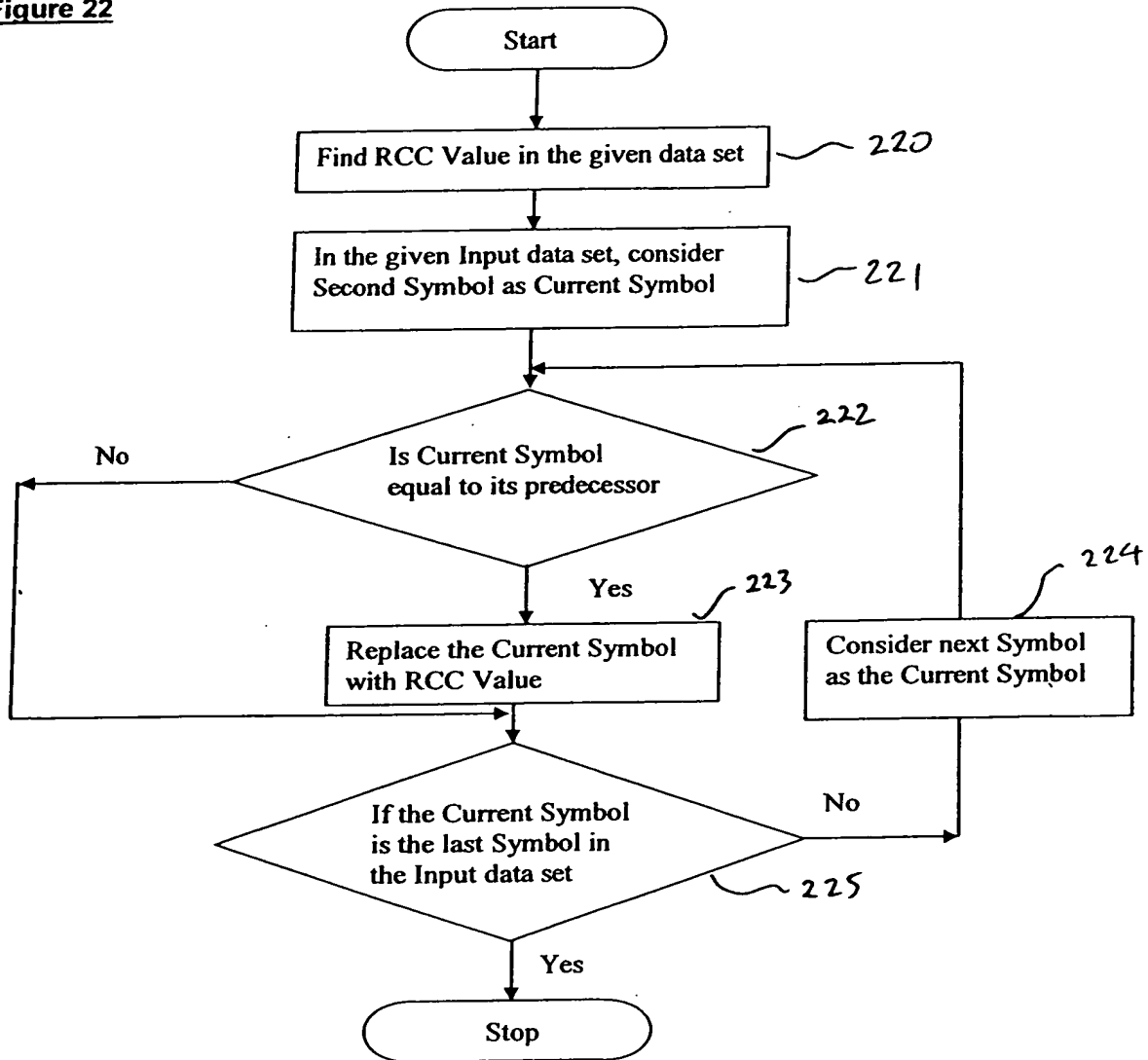
Figure 22

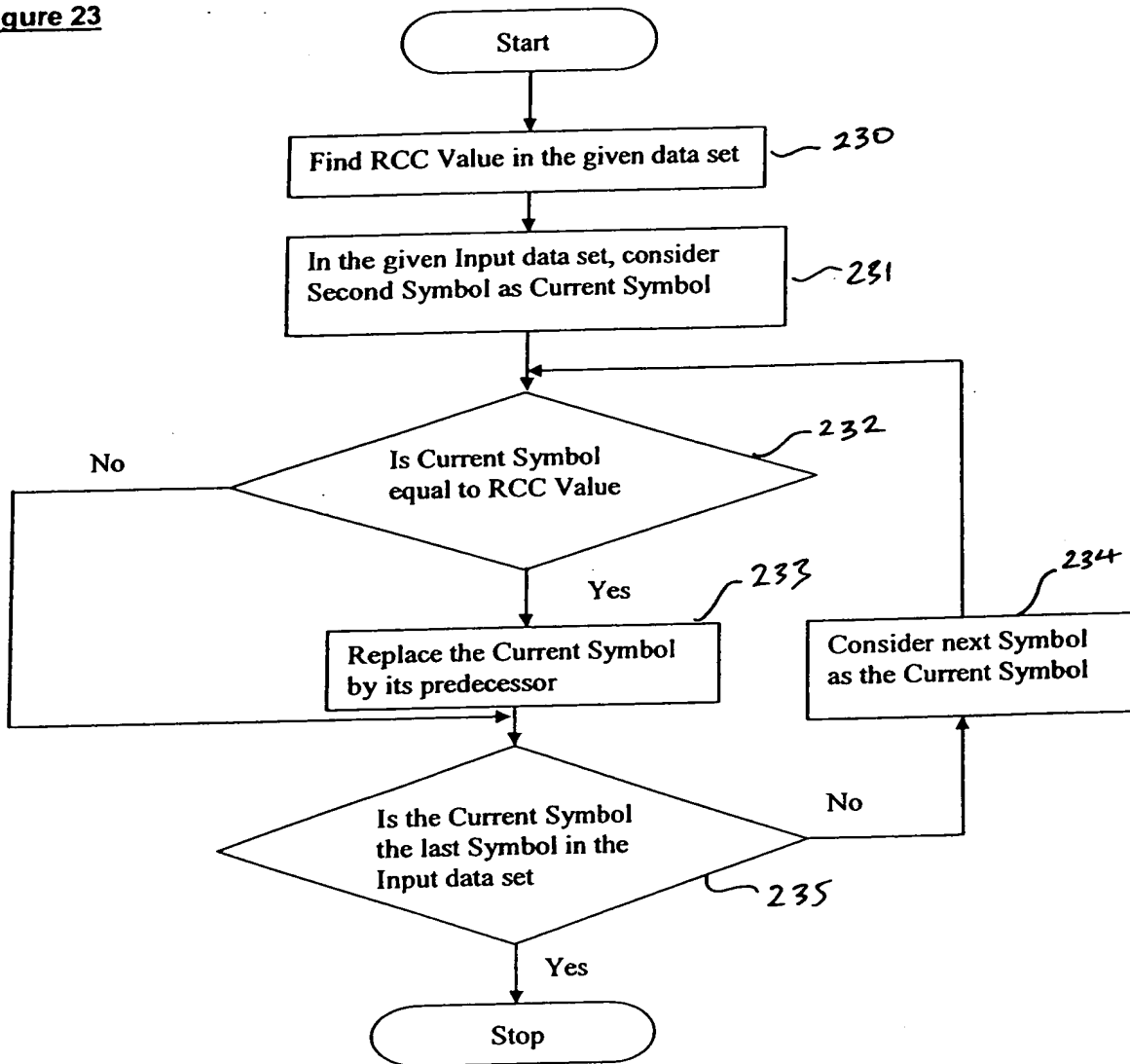
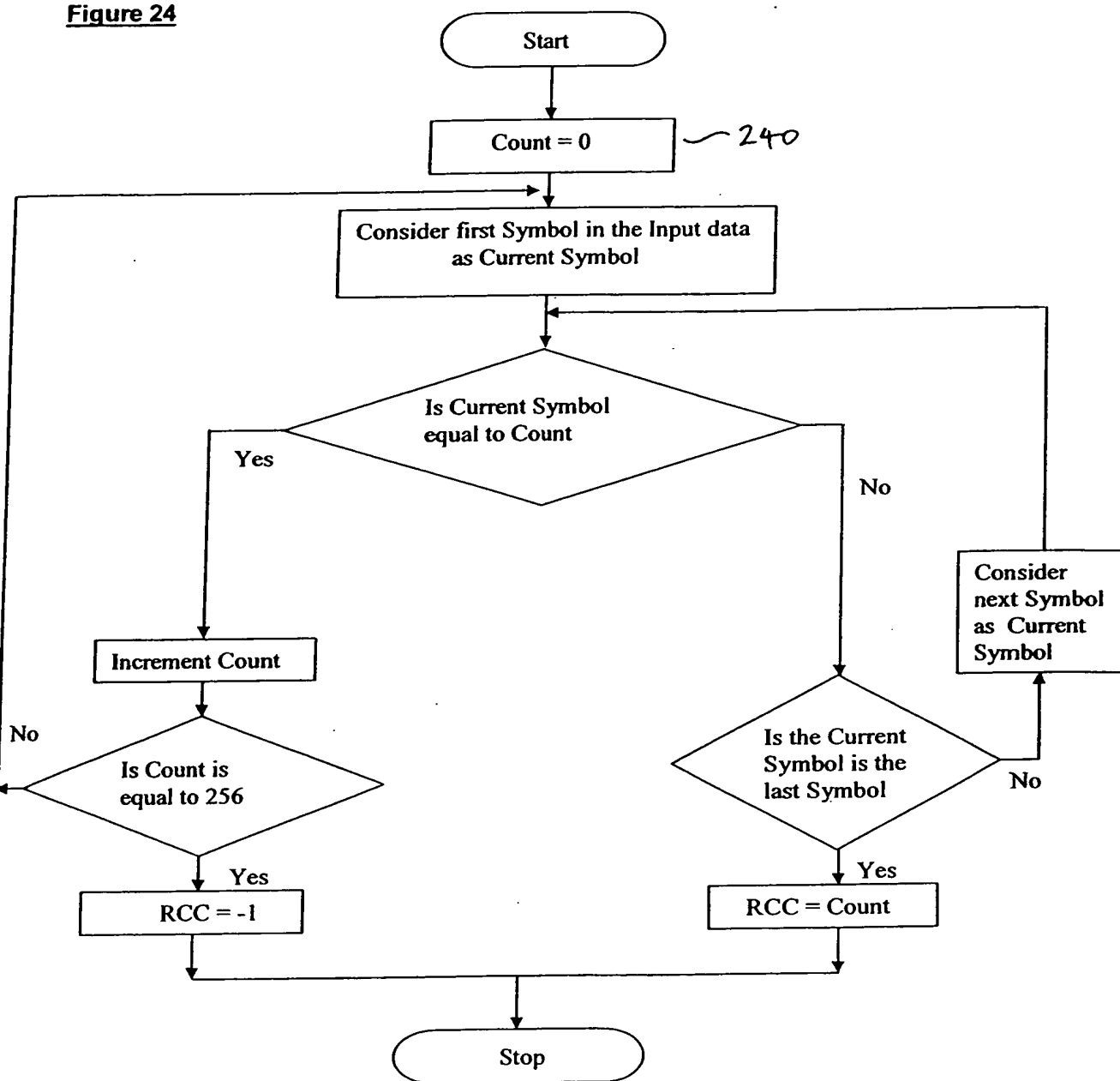
Figure 23

Figure 24

Note: RCC value is equal to -1 indicates that no valid symbol can be identified as RCC value.

Figure 25

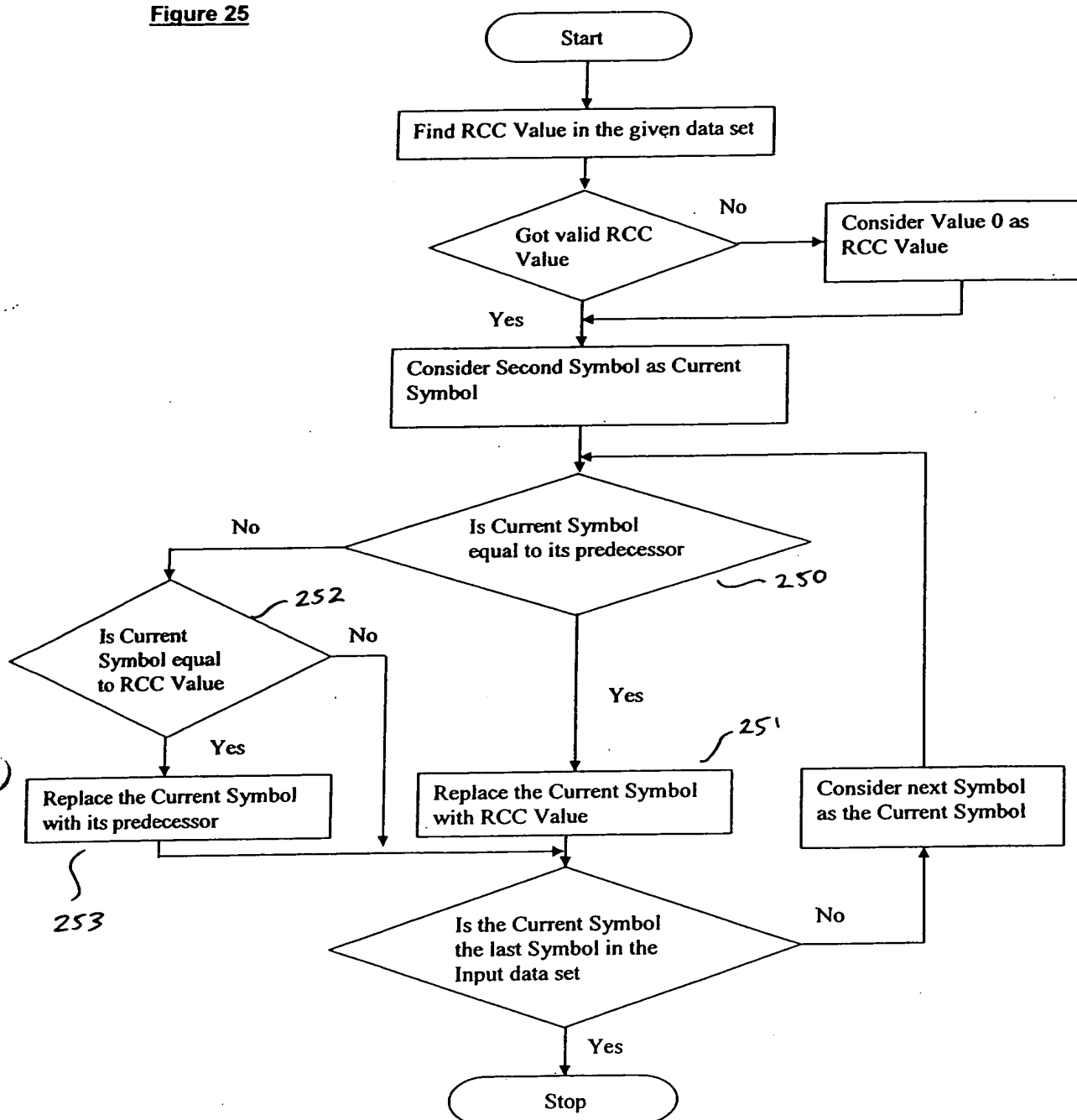


Figure 26